

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | |
|---|---|
|  22651 U.S.P.T.O. 030804 | <p>Attorney Docket No. 084260-000000US</p> <p>First Inventor Wang, Jiun-Ming</p> <p>Title METHOD FOR MAKING A COLORFUL 3D MODEL</p> <p>Express Mail Label No. EV332107341US</p> |
|---|---|

US PTO

10/17/9622

030804

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 20]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 13]
5. Oath or Declaration [Total Pages]
 a. Newly executed (original or copy)
 b. Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

7. CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper number of pages
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney by Inventors
(when there is an assignee)
11. English Translation Document (*if applicable*)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
17. Other: Petition Pursuant to 37 CFR 1.84(a)(2) to Accept Color Drawings with Three (3) Sets of Color Drawings

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No: _____
Prior application information: Examiner _____ Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS Customer Number

20350

OR Correspondence address below

| | | | | | |
|---------|--|--|-----------|--|----------|
| Name | | | | | |
| | | | | | |
| Address | | | | | |
| | | | | | |
| City | | | State | | Zip Code |
| Country | | | Telephone | | Fax |

| | | | |
|-------------------|---|-----------------------------------|--------------------|
| Name (Print/Type) | J. Georg Seka | Registration No. (Attorney/Agent) | 24,491 |
| Signature |  | | Date March 8, 2004 |

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ 810)

Complete if Known

| | |
|----------------------|-----------------|
| Application Number | |
| Filing Date | |
| First Named Inventor | Wang, Jiun-Ming |
| Examiner Name | |
| Art Unit | |
| Attorney Docket No. | 084260-000000US |

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None

Deposit Account:

Deposit Account Number

20-1430

Deposit Account Name

Townsend and Townsend and Crew LLP

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
- Charge any additional fee(s) or any underpayment of fee(s)
- Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Description | Fee Paid |
|--------------|--------------|-----------------|------------------------|
| Fee Code | Fee Code | Fee (\$) | Fee (\$) |
| 1001 | 2001 | 385 | Utility filing fee |
| 1002 | 2002 | 170 | Design filing fee |
| 1003 | 2003 | 265 | Plant filing fee |
| 1004 | 2004 | 385 | Reissue filing fee |
| 1005 | 2005 | 80 | Provisional filing fee |

SUBTOTAL (1)

(\$770)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | Extra Claims | | Fee from below | Fee Paid |
|--------------------|--------------|-------|----------------|----------|
| | 17* | -20** | = 0 | \$18 |
| Independent Claims | 1 | -3** | = 0 | \$86 |
| Multiple Dependent | | | X | |

Large Entity

Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
|----------|----------|----------|----------|--|
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 |
| 1203 | 290 | 2203 | 145 | Multiple dependent claim, if not paid |
| 1204 | 86 | 2204 | 43 | ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2)

(\$0)

*or number previously paid, if greater; For Reissues, see above

| FEE CALCULATION (continued) | | | | | |
|-----------------------------------|----------|----------|----------|--|----------------------|
| 3. ADDITIONAL FEES | Large | Entity | Small | Entity | |
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee (\$) | Fee Description |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 420 | 2252 | 210 | Extension for reply within second month | |
| 1253 | 950 | 2253 | 475 | Extension for reply within third month | |
| 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | |
| 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | |
| 1401 | 330 | 2401 | 165 | Notice of Appeal | |
| 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | |
| 1403 | 290 | 2403 | 145 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive – unavoidable | |
| 1453 | 1,330 | 2453 | 665 | Petition to revive – unintentional | |
| 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) | |
| 1502 | 480 | 2502 | 240 | Design issue fee | |
| 1503 | 640 | 2503 | 320 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Petitions related to provisional applications | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | 40 |
| 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |
| Other fee (specify) _____ | | | | | |
| *Reduced by Basic Filing Fee Paid | | | | | SUBTOTAL (3) (\$ 40) |

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|---|-----------------------------------|--------|-----------|---------------|
| Name (Print/Type) | J. Georg Seka | Registration No. (Attorney/Agent) | 24,491 | Telephone | 415-576-0200 |
| Signature |  | | | Date | March 8, 2004 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

PATENT
Attorney Docket No. 84260
Client Ref. No. CFP-15052

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | |
|---|--|
| In re application of: | Confirmation No. |
| Jiun-Ming WANG, et al. | Examiner: |
| Application No. | Technology Center/Art Unit: |
| Filed: | PETITION PURSUANT TO 37 CFR 1.84(a)(2) TO ACCEPT <u>COLOR DRAWINGS</u> |
| For: METHOD FOR MAKING A COLORFUL 3D MODEL | |
| Customer No. 20350 | |

March 8, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

The undersigned, attorney for applicants, petitions that applicants be permitted to file color drawings in this case.

This application is directed to an invention for constructing three-dimensional color models and to a method for compensating color differences between adjacent data so that the surface color on the model is smooth and continuous.

Shaded and bright portions of the model created in accordance with the present invention can only be shown when different color layers are presented. With different color layers, the model is vivid, which is crucial to model making.. Drawings without color cannot be used to adequately show and explain the invention. Accordingly, it is necessary to file this application with color drawings.

Please charge the fee pursuant to 37 CFR 17(h) in the amount of \$130, and any additional fee that may be due, to Deposit Account No. 20-1430.

Also attached hereto are three sets of color drawings.

In view of the foregoing, applicants request that this Petition be granted and that the attached color drawings be accepted for use in this application.

Petition dated March 8, 2004

PATENT

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 415-576-0200.

Respectfully submitted,



J. Georg Seka
Reg. No. 24,491

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